Ukraine and United Kingdom wherein space programmes of mutual interest in the areas of Space science, technology and applications are carried out.

India and France have a joint climatic mission called "Megha-Tropiques" for study of tropical atmosphere and climate such as monsoons and cyclones.

The Indian Remote Sensing Satellite (IRS-P3) launched in 1996 carried the Modular Opto-electronic Scanner (MOS) instrument of German Aerospace Centre.

India has launched two small satellites BIRD and TUBSAT of Germany and one small satellite PROBA of Belgium onboard India's Polar Satellite Launch Vehicle during 1999 and 2001.

Health Satellite

3086. MISS MABEL REBELLO:
SHRI B.J. PANDA:

Will the PRIME MINISTER be pleased to state:

(a) whethr ISRO proposes to send health satellite, if so, the salient features of this project;

(b) whether a doctor sitting hundreds of kilometers away can check patient's heart, ECG reports and how far it would help patients in emergency cases; and

(c) the areas which would be served once the satellite is launched and the future project in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING (SHRI SATYABRATA MOOKHERJEE): (a) Yes, Sir. At present telemedicine connectivity is provided on INSAT-3B satellite and studies have been initiated to assess the experience gained and build up a data base for configuring a Health Satellite.

(b) Yes, Sir. The required vital parameters of a patient can be checked in the telemedicine system and the doctor can suggest remedial treatment.

(c) Telemedicine networks are proposed to be set up to extend the reach of health care services.

Polar Satellite Launch Vehicles to Singapore

3087. DR. C. NARAYANA REDDY: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that ISRO proposes to send polar satellite launch vehicles to Singapore;

(b) if so, the details thereof;

(c) how much amount would be paid by Singapore; and

(d) the number of foreign satellites carried by the Indian rockets, so far, and the income made therefrom?

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING (SHRI SATYABRATA MOOKHERJEE): (a) Antrix Corporation Limited, the commercial arm of the Department of Space has entered into an agreement with Nanyang Technological University, Singapore for launching a micro satellite developed by the University on Polar Satellite Launch Vehicle (PSLV) from Satish Dhawan Space Centre, SHAR, Sriharikota.

(b) The satellite is a 100 kg class micro satellite called X-sat being developed by Nanyang Technological University, Singapore for which Antrix would provide the launch services and also facilities for testing. The Satellite is proposed to be launched on the PSLV launcher during 2005-06.

(c) The agreement provides for testing as well as launching of the satellite and the cost is similar to that being offered by other international service providers.

(d) So far micro satellites were launched using Indian PSLV. The income from the launch of four micro satellites is about Rs. 12 Crores.